

WHAT IS CLAIMED IS:

1. A process for producing a molding comprising:
 - (a) mixing a silicatic solid with a solution containing a first silicatic binder, and thereby forming a mixture;
 - 5 (b) press-molding the mixture, and forming a compression molding; and
 - (c) post-treating the compression molding with a solution containing a second silicatic binder.
2. The process according to Claim 1, wherein the second-silicatic binder has a higher modulus than the first silicatic binder.
- 10 3. The process according to Claim 1, wherein the first silicatic binder used comprises one whose modulus is at most 50.
4. The process according to Claim 1, wherein the first silicatic binder used comprises a binder having a modulus ranging from 1.5 to 10.
5. The process according to Claim 1, wherein the second silicatic
15 binder used comprises a binder having a modulus that is at least 10.
6. The process according to Claim 1, wherein the second silicatic binder used comprises a binder having a modulus ranging from 20 to 1000.
7. The process according to Claim 1, wherein the solution comprising the first silicatic binder has a solids content ranging from 5 to 60% by weight.
- 20 8. The process according to Claim 1, wherein the solution containing the second silicatic binder has a solids content ranging from 5 to 60% by weight.
9. The process according to Claim 1, wherein the post-treatment with the solution comprising the second silicatic binder takes place a technique selected from the group consisting of (i) via soaking, (ii) spray-application, (iii)
25 spread-application, and (iv) combinations thereof, and the process further comprises a step of subsequent drying.

10. The process according to Claim 1, wherein the silicatic solid is a phyllosilicate.

11. The process according to Claims 1, wherein the the silicatic solid is a silicatic component selected from the group consisting of vermiculite, perlite, mica,
5 and combinations thereof.

12. The process according to Claims 11, wherein the the silicatic solid is a vermiculite.

13. A molding obtained by the process of Claim 1.

14. A molding comprising:

10 (a) from 2 to 60% by weight of silicatic binders, based on the total weight of the molding; and

(b) from 60 to 98% by weight of silicatic solid, based on the total weight of the molding.

15 15. Insulator material or fire-resistant material comprising one or more moldings according to Claim 13.

16. Support panel comprising one or more moldings according to Claim 13.

17. A molding essentially consisting of silicatic components.

18. A molding according to claim 15, wherein the content of organic components is less than 2% by weight, based on the total weight of the molding.

20 19. A molding according to claim 15 having a total content of silicatic binders of 2 to 40% by weight, based on the total weight of the molding, and a content of a silicatic solid of 60 to 98% by weight, based on the total weight of the molding, with the proviso that the sum of the two contents is 100% by weight.

25 20. Insulator material or fire-resistant material comprising one or more moldings according to Claim 17.

21. Support panel comprising one or more moldings according to Claim 17.